

5265481



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200
Fax 613 632-5246

U/R

20/03/21
S/A

D5802-3

Job Sheet 207472



Part No: D5802-3

Job Qty: 4 pcs

Part Name: Treadplate



Part Weight: 0 lbs

Job Created: 2/26/20

Due Date: 3/27/20

Type: Stock

POSITIVE RECALL

EFFECTIVE 20/03/21 AUTH S/A

Status: New

DATE

Priority: Medium

Job Tracking No:

Created By: Jennifer Renwick

Description:

Note: URF 20-522 DWG D5802 REV.A IPP REV:A NEW ISSUE 2020.01.27 DP VERF:DD

Ship Via:

POSITIVE
RECALL

Bill of Materials

Job Routing

Op No	Operation	Qty	Start Date	Due Date	Standard		Workcenter/Supplier		Sign-off
					Setup Hrs	Run Hrs	Workcenter / Supplier	Lead Time	
100	Waterjet - Omax - 1	4 pcs	3/27/20	3/27/20	0.17	0.40	Waterjet - Omax		20/03/21
110	QC 2	4 pcs	3/27/20	3/27/20	0.00	0.00	QC 2 - 1		
							QC 2 - 12		
							QC 2 - 14		
							QC 2 - 17		
							QC 2 - 19		
							QC 2 - 2		
							QC 2 - 20		
							QC 2 - 22		
							QC 2 - 23		
							QC 2 - 25		
							QC 2 - 32		
							QC 2 - 33		
							QC 2 - 35		
							QC 2 - 39		
							QC 2 - 4		
							QC 2 - 40		
							QC 2 - 44		
							QC 2 - 45		
							QC 2 - 48		20/03/21
							QC 2 - 49		
							QC 2 - 50		
							QC 2 - 51		
							QC 2 - 52		
							QC 2 - 57		
							QC 2 - 62		
							QC 2 - 63		
							QC 2 - 8		
							QC 2 - 66		
							QC 2 - 64		
							QC 2 - 65		

Plex 3/11/20 3:50 PM Dart.Renwick.Jennifer

					QC 2 - 5	
					QC 2 - 71	
					QC 2 - 73	
					QC 2 - 69	
					QC 2 - 76	
120 QC 8	4 pcs	3/27/20	0.00 0.00		QC 8 - 12	
					QC 8 - 14	
					QC 8 - 17	
					QC 8 - 20	
					QC 8 - 25	
					QC 8 - 3	
					QC 8 - 32	
					QC 8 - 33	
					QC 8 - 35	
					QC 8 - 39	
					QC 8 - 4	
					QC 8 - 44	
					QC 8 - 45	
					QC 8 - 49	
					QC 8 - 58	
					QC 8 - 8	
					QC 8 - 9	
					QC 8 - 68	
					QC 8 - 67	
					QC 8 - 1 (A)	
					QC 8 - 47	
					QC 8 - 40	MAR 26 2020
					QC 8 - 52	
					QC 8 - 23	
					QC 8 - 57	
					QC 8 - 76	
					QC 8 - 61	
130 Packaging 3-1 - Stock - B4B	4 pcs	3/27/20	0.00 0.00		Packaging 3 - 1 - B4B	
					Packaging 3 - 2 - B4B	
					Packaging 3 - 3 - B4B	
					Packaging 3 - 4 - B4B	
					Packaging 3 - 5 - B4B	
					Packaging 3 - 37 - B4B	
140 QC 21 - SA	4 pcs	3/27/20	0.00 0.00		QC 21 - SA - 21	
					QC 21 - SA - 70	

Part Op 100 - 1-Cut as per DWG. DWG. Rev: A PROG. Rev: A 2-Deburr if necessary ***HOLES WILL BE OPEN

Descriptions: AT ASSEMBLY***

110 - QC2- Inspect parts off machine FAI/FAIB

120 - QC8- Inspect parts - second check

130 - .Identify as per dwg & Stock Location: _____

140 - QC21- Final Inspection - Work Order Release

Job BOM

Part / Item	Component Name	Quantity	Operation	Container
M3003H22TP-0.063	3003-H22 Aluminum Treadplate, 1/16" Thick	12.4000 sf (3.1 ea)	100-Waterjet - Omax - 1	S262076

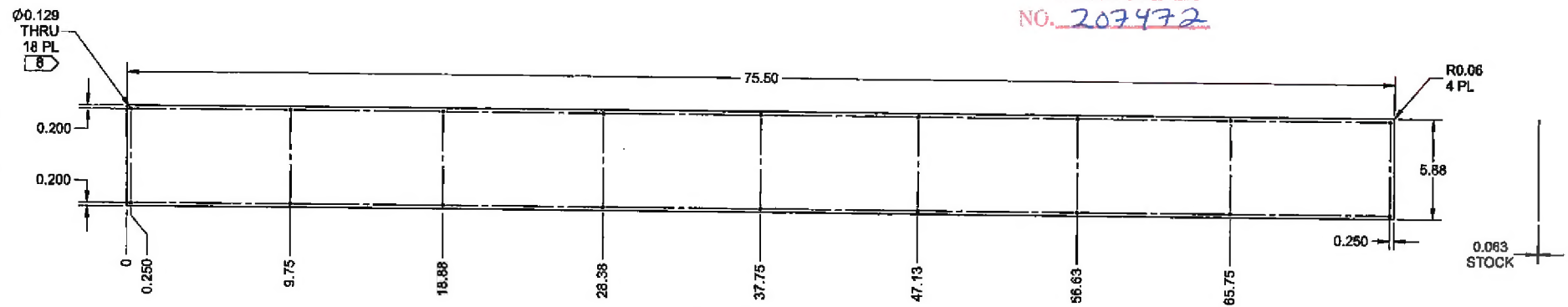
Job Allocations

Operation	Component Part	Required	Inventory	Allocated
100-Waterjet - Omax - 1	M3003H22TP-0.063	12	215	0

Part Specifications

Specifications could not be found.

SHOP COPY
RETURN TO
ENGINEERING
UNCONTROLLED COPY
SUBJECT TO AMENDMENT
WITHOUT NOTICE
WORK ORDER
NO. 207472



D5802-3 TREADPLATE

UNDER REVIEW

URF 2020-522 20.02.14 (NO)

NOTES:

- 1) MATERIAL: 3003-H22 ALUMINUM TREADPLATE, 1/16 THICK
REF DART SPEC M3003H22TP
- 2) FINISH: NONE
- 3) TOLERANCES: PER DART QSI 018 UNLESS OTHERWISE NOTED
- 4) UNITS: INCHES UNLESS OTHERWISE NOTED
- 5) BREAK SHARP EDGES: 0.005 TO 0.010 MAX
- 6) IDENTIFICATION: IDENTIFY PER DART QSI 044
- 7) WEIGHT: 2.70 lbs
- 8) SPOTFACE $\phi 0.250$ TO DEPTH OF TREADS IF REQUIRED.

RELEASED
2020 FEB 18

APPROVED

DESIGN ZF
DRAWN ZF
CHECKED KPT
MFG. APPR. DO
APPROVED NO
DE APPR. CP
DATE 20.01.13

DART AEROSPACE LTD
HAWKESBURY, ONTARIO, CANADA

DRAWING NO.
D5802
TITLE
TREADPLATE

REV. A
SHEET 2 OF 4
SCALE
NTS

COPYRIGHT © 2020 BY DART AEROSPACE LTD
THIS DOCUMENT IS PRIVATE AND CONFIDENTIAL AND IS SUPPLIED ON THE EXPRESS UNDERSTANDING THAT IT IS NOT TO BE USED FOR ANY PURPOSE OR COPIED OR REPRODUCED FOR ANY OTHER PURPOSE WITHOUT THE WRITTEN PERMISSION OF DART AEROSPACE LTD.

Entered: _____ Date: _____



WORK ORDER NON-CONFORMANCE / ROUTE UPDATE

NCR No. _____

Route update only ☐

Job: _____ Part No. _____	DISPOSITION Rework <input type="checkbox"/> Scrap <input type="checkbox"/> Use-as-is <input type="checkbox"/>	DEPARTMENT/PROCESS <div style="display: flex; justify-content: space-between;"> <div> Skid-tube <input type="checkbox"/> Machining <input type="checkbox"/> Large Fab <input type="checkbox"/> </div> <div> Cross tube <input type="checkbox"/> Small Fab <input type="checkbox"/> Finishing <input type="checkbox"/> </div> <div> Eng. (Non-AW) <input type="checkbox"/> Prod. Eng. Coord. <input type="checkbox"/> Rec/Store/Packaging <input type="checkbox"/> </div> <div> Engineering <input type="checkbox"/> Water Jet <input type="checkbox"/> Supplier <input type="checkbox"/> Quality <input type="checkbox"/> </div> </div>			
Date :	Sequence #:	QTY Affected :		MRB (QSI042)	
Description Work Order Deviation		Disposition		Completed By	
				Lead hand / Supervisor	
				QC / QA Coordinator	
Root Cause <div style="display: flex; flex-direction: column; align-items: flex-start;"> <div>Operator <input type="checkbox"/></div> <div>Manufacturing Process <input type="checkbox"/></div> <div>Equip/Tooling <input type="checkbox"/></div> <div>Handling/Preservation <input type="checkbox"/></div> <div>Material <input type="checkbox"/></div> <div>Product Improvement <input type="checkbox"/></div> <div>Process Improvement <input type="checkbox"/></div> <div>Human Factors <input type="checkbox"/></div> </div>		FAULT CATEGORY <div style="display: flex; flex-wrap: wrap;"> <div style="width: 50%;"> <input type="checkbox"/> Pressure/Forced <input type="checkbox"/> Bending <input type="checkbox"/> Crushing <input type="checkbox"/> Cracks <input type="checkbox"/> Crimp/Kink/Ripple/Wave/Twist <input type="checkbox"/> Marks/Chatter <input type="checkbox"/> Mislabeled </div> <div style="width: 50%;"> <input type="checkbox"/> Contamination <input type="checkbox"/> Misaligned/off center <input type="checkbox"/> BOM/Route <input type="checkbox"/> Broken/Damage/Defect <input type="checkbox"/> Incomplete/Unclear Instructions <input type="checkbox"/> Drill Holes <input type="checkbox"/> Fit/Function </div> <div style="width: 50%;"> <input type="checkbox"/> Power Loss/Surge <input type="checkbox"/> Folio/Program <input type="checkbox"/> Grain Direction <input type="checkbox"/> Weld <input type="checkbox"/> Wrong Stock Pulled <input type="checkbox"/> Out of Sequence <input type="checkbox"/> Off-set/Set-up </div> <div style="width: 50%;"> <input type="checkbox"/> Positioned Wrong <input type="checkbox"/> Outside Tolerance <input type="checkbox"/> Drawing <input type="checkbox"/> Finish <input type="checkbox"/> Part Lost/Missing <input type="checkbox"/> Misread </div> </div>			
Other/Details:					



Dart Aerospace Ltd.
1270 Aberdeen St
Hawkesbury, ON
K6A 1K7
Canada

Tel (613) 632-5200

PURCHASE ORDER **POHB045985**



Supplier: ACI001-VC
Acier Ouellette Inc.
935 Boul. Du Havre
Valleyfield
QC
J6S 5L1 Canada
Phone: 800 667 4248
Fax: 450 377 5696

Attention: Langevin, Melanie

Ship To: 1270 Aberdeen Street
Hawkesbury
ON
K6A 1K7 Canada
Phone: 613-632-5200

PO No: POHB045985

PO Date: 2/28/20

Due Date: 3/12/20

Purchase Order

Revision:

Revision Date:

Issued By: Lavoie, Chantal
Phone: 613-623-5200 Ext: 242
Fax: 613-632-1053
clavoie@dartaero.com

E-MAILED
FEB 28 2020

Via: Ground

Pymt Terms: Net 60

Freight Terms:

Special Comments: quote no. sou0243954

Items

Line Item	Job	Part	Drawing	Supplier Part No	Description	Status	Account	Due Date	Order Quantity	Received Quantity	Balance	Unit Price (CAD)	Extended Price
1		M3003H22TP-0.063		PPA-116410	3003-H22 Aluminum Treadplate, 1/16" Thick	Firmed	-	3/12/20	240 sf	0 sf	240 sf	\$9,081.17/sf	\$2,167.48
Grand Total: \$2,167.48													

Order Notes

Procurement Quality Clauses

A005 right of entry

A012 chemical and physical test report

A016 personnel qualification

A017 raw material identification (as applicable). No Raw Metals from China or Soviet Bloc Countries. (DFARS)

A026 certification of material conformance

A041 quality management system

A042 dart notification by supplier

A043 retention of quality documents

A048 counterfeit parts avoidance, detection, mitigation and disposition program.

A049 supplier awareness.

Terms & Condition of Purchasing (Suppliers) and Procurement Quality Clauses are an integral part of our AS9100 requirements. To learn in detail, please visit www.dartaerospace.com for further explanation.

Plex 2/28/20 1:47 PM Dart.Lavoie.Chantal

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

Quotation**SOU0243954****Billed to**

DART AEROSPACE LTD
1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Shipped to

1270, ABERDEEN ST.
HAWKESBURY, Ontario, K6A 1K7

Att : CHANTAL LAVOIE Tél.: 613-632-5200

Customer N° CLI0001056
Date 2020/02/28
Revision N° 0
Prices valid until 2020/03/06
Your Order N°
Processed by Josianne Bourdon
Salesman JOSIANNE
Carrier OUELLE SDV
Credit Terms Net 30 Days
Page 1

Product N° and description	Weight	Qty U/M	Qty U/M	Price	Pcs Nb	Price	Amount
FLOOR PLATE ALU 1/16 3003-H22 (4 X 10) PPA-116410 4728 6 X 4' X 10' 5-7 DAYS 405F	241.92	240.00 P12 \$CLB	6.00 UN		6.00	361.246	2 167.48
FUEL CHARGE FRAIS ENERGETIQUE ** SLOVENIA MATERIAL ** NOTE : ATTENTION: MILL TEST REQUIS Chaque item identifier avec : - Le # PO client - Le # d'item - Le heat # - Emballer les pièces dans carton SLOVENIA PARTS ?			\$				3.95

Total Weight (Lbs) 241.92

Important

This offer is based on the availability, the price of material can change without notice in function of the evolution of the current market prices and international importation fees.

This offer is subject to credit approval.

Approved and Accepted by : _____

Date : _____

Sub-total 2 171.43

TVH-13 • 282.29

Total (\$CAD) 2 453.72

**ACIER OUELLETTE INC.**

935, Boul. du Havre
Salaberry de Valleyfield (Québec) J6S 5L1
Tél.: 450-377-4248 Mtl: 514-336-4248 Ext.: 800-667-4248
Fax: 450-377-5696 Mtl: 514-336-4246 Ext.: 866-456-4242

DELIVERY - CLIENT

80

CO00194380

Billed to DART AEROSPACE LTD 1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7	Shipped to 1270 , ABERDEEN ST. HAWKESBURY, Ontario, K6A 1K7 Att : CHANTAL LAVOIE Tél.: 613-632-5200	Customer N° Date Delivery date Your order N° Processed by Salesman Carrier Credit Terme	CLI0001056 2020/02/28 2020/03/09 POHB045985 Josianne Bourdon JOSIANNE BOURDON OUELLETTE VALLEYFIELD Net 30 Days
Instruction F-M	Delivery Route 5		

Product Description	Weight	Qty	UN	PCS REQ			Internal Use Only				
				CMD	EXP	B/O	IN	I	S	C	OUT
1 FLOOR PLATE ALU 1/16 3003-K22 (4 X 10) DART PPAD-116410 13487 6 X 4' X 10' POHB045985 LINE 1 HEAT : 255102 / 9767 AC34459-YAK-05/03	241.92	240.00	PI2_\$CLB		6x 4' X 10'						
		1.00	UN_\$UN								
Note : ATTENTION: MILL TEST REQUIS Chaque item identifier avec : <ul style="list-style-type: none">- Le # PO client- Le # d'item- Le heat #- Emballer les pièces dans carton											

Conditions :**Total Weight (Lbs) :** 241.92**NIR : R-109516-6**


All sold and delivered materials remain the property of "Acier Ouellette Inc" until payment is made in full, complete and cashed. All lost materials are at the buyer's expense. The warranty offered by "Acier Ouellette Inc." is the same as offered and honored by the manufacturer and his warranty is transferred by "Acier Ouellette Inc." to the client. The buyer hereby accepts to respect the following conditions: Net 30 days from billing date and the buyer accepts to pay administration charges of 2% per month (24% per annum) on all past due amounts over 30 days. Any default in respect with this contract will lead to payment by acceleration and permits to the seller, at his choice to claim for the balance due or the repossession of the goods sold. All claims must be made within five (5) days with this document enclosed. Any merchandise that has been damaged, cut or modified cannot be returned. All goods returned must be with our authorization and are subject to a 25% restocking charge.

Prepared By :	Verified By :	Delivered By : VH	Time	Customer's Signature DART AEROSPACE LTD.	Date 2020/03/09
---------------	---------------	----------------------	------	---	--------------------



TRANSPORT EXPRESS MINIMAX TRANSPORTATION INC.
P.O. BOX 92, CORNWALL, ONTARIO K6H 5R9
1-800-465-6657

DELIVERY RECEIPT
REÇU DE LIVRAISON

DATE 03-06-2020	TRAILER - REMORQUE	ORIG. MTL	DEST. COR	NIR R-519336-3	CVOR 104-372-613	PRO. 1959082
SHIPPER / EXPÉDITEUR SABIC POLYMERSHAPES 1665 55TH AVENUE DORVAL, QC H9P 2W3		CONSIGNEE / CONSIGNATAIRE DART AEROSPACE 1270 ABERDEEN ST HAWKESBURY, ON K1A 1K7 (613) 632-5200				CODE 107  GST / TPS: R 126922954 QST / TVQ: 1010859073
JCT	ORIG. CARRIER / REÇU DE PRO		JCT	TRANSFER TO / TRANSFERT À		
QOS	TYPE	DESCRIPTION			WEIGHT / POIDS	
2 SKID		K HELICOPTER PARTS 120X48X20 EA <i>28415</i> <i>RECEIVED</i> <i>MAR 09 2020</i>			2900L	BL LD61958
3 SPOTS					TPB	PO. SO48060
TOTAL	DECLARED VALUE / VALEUR DÉCLARÉE		DRIVER / CHAUFFEUR		DATE	TOTAL
2	0					2900L
BILL TO: JOURNEY FREIGHT 18100 TRANSCANADA KIRKLAND, QC		PCS		UNIT	IN / ENTRÉE	OUT / SORTIE
		REC. _____		PCS	DATE _____	
				BY / PAR		
				ANY LOSS OR DAMAGE MUST BE NOTED ON PROBLE AT TIME OF DELIVERY. TOUTES PERTES OU DOMMAGES DOIVENT ÊTRE SIGNALÉS AU MOMENT DE LA LIVRAISON.		
				C.O.D. C.R.		
				C.O.D. FEE FRAIS DE C.R.		
				TOTAL ▶		

This MTR contains: 3 pages (Page: 1)

#PCLH00-73

Aluminium Industry
Impol d.o.o.
Partizanska ulica 38
2310 Slovenska Bistrica
Slovenija

Tel. : +386 2 8453 103, 8187 521
Fax. : +386 2 8281 219

Page 1 Pages 2

Order No.: : 84935000
Packing list No.: : 11994
Netto : 34943 lb
Slovenska Bistrica : 2019-05-20
MADE IN SLOVENIA

Item	Product description	Our order No.:
793414	Your order No.: U05455 AL TREAD STRIP AA 3003 H22 DIAMOND / BRIGHT 0,063"x68" (1,6/2,6x1219,2 mm) ASTM	49650/1 Netto: 27,96 lb

We acknowledge that hard good correspond to prescribed norm:
ASTM B209 IMPOL IMPOL
 what is correlated with test results:

MECHANICAL PROPERTIES												
Change	Lot	Tensile ksi 17.4-26.1	Yield strength ksi Min: 12.5	Elongation in 2 in. Max: 9	Hardness HRC	Stretch mm	Spring %	Conductivity g/cm ³	Boat 20°	Bend 180°	Z C _p	Por.
255338	9786	22.9	20.0	12.5	-	-	-	-	-	V	-	1
255366	9702	23.1	20.0	14.0	-	-	-	-	-	V	-	2
255102	9767	22.9	20.0	11.5	-	-	-	-	-	V	-	3
255368	9781	23.5	21.3	14.4	-	-	-	-	-	V	-	4

CHEMICAL COMPOSITION										
Charge	Si %	P %	S %	Mn %	Zn %	C %	H %	Fe %	Al %	
2553805	0.05	0.10	0.00	1.1	0.009	0.0002	0.002	0.002	Remainder	
2553806	0.05	0.07	0.07	1.1	0.01	0.0003	0.0005	0.0005	Remainder	
2553809	0.12	0.09	0.04	1.0	0.005	0.0004	0.0007	0.0006	Remainder	
2553810	0.12	0.07	0.07	1.0	0.005	0.0004	0.0005	0.0005	Remainder	

Aluminium products are in compliance with the regulations:

- Directive 2011/65/EU (RoHS) and
- Directive 2000/53/EC (ELV).

**Integral Quality & Research
Managing Director
Dr. Virendra K. Kumbhakar**



IMUCA d.o.o.
Managing Director
Andrej Kolmanar

INC. CERTIFIES THAT
THIS IS A TRUE COPY OF THE ORIGINAL
MILL TEST REPORT NOW ON FILE
RECEIVED AND INSPECTED

JAN 07 2020

BY Kate Vincent
Kate Vincent, Certification Processor

Občina je vpisana v register pri Okrajnem sodišču v Mariboru s Reg. št. upisa št. 96/01315 s znesek uveljavljene kapitala 16.934.190,56 EUR s številko 50-0736
 Datum št. 03/2017-42

DAS
82
4-89

Real: 255102 / 9767

MATERIAL RECEIPT INSPECTION FORM

MATERIAL: M3003H22TP-0.063

PO / BATCH NO.: POH18045885

DATE: MAR 09 2020

5262076

MATERIAL CERT REC'D: YES

THICKNESS ORDERED: .063

QUANTITY RECEIVED: 240 SP

THICKNESS RECEIVED: .066

QUANTITY INSPECTED: 240 SP

SHEET SIZE ORDERED: 4' x 10'

QUANTITY REJECTED: 0

SHEET SIZE RECEIVED: 7' x 10'

DESCRIPTION	NCR (Check Y/N)	COMMENTS
SURFACE DAMAGE	Y <u>(N)</u>	
CORRECT FINISH	<u>(N)</u> N	
CORROSION	Y <u>(N)</u>	
CORRECT GRAIN DIRECTION	<u>(N)</u> N	
CORRECT MATERIAL PER M-DRAWING	<u>(N)</u> N	<u>NONE ON DRAWING / ASTM B209 WILL TEST</u>
CORRECT THICKNESS	<u>(N)</u> N	<u>SPECS NOT REQUIRED</u>
PHOTO REQUIRED	Y <u>(N)</u>	
CORRECT REF # TO LINK CERT	<u>(N)</u> N	<u>H/T 255102 / 7767</u>
CORRECT MATERIAL IDENTIFICATION	<u>(N)</u> N	
CORRECT M# ON THE MATERIAL	<u>(N)</u> N	
DOES THIS MATERIAL REQUIRE ENGINEERING SIGN OFF	Y <u>(N)</u>	
DOES THIS REQUIRE AN EXTRUSION REPORT	Y <u>(N)</u>	

CUT SAMPLE PIECE OF MATERIAL AND PERFORM A HARDNESS CHECK. RECORD RESULTS BELOW					
	HRC	HRB	DUR A	DUR D	WEBSTER
TYPE OF MATERIAL					
SIZE OF TEST SAMPLE					
HARDNESS / DUROMETER READING					

testers located in the Quality Office

QC 18 INSPECTION		ENGINEERING SIGNOFF (if required)	
INSPECTED BY: _____	DAS 82 9-85	SIGNED OFF BY: _____	
DATE: <u>MAR 09 2020</u>		DATE: _____	

Attach this inspection sheet with the corresponding material cert and remit to be scanned and received in

M3003H22TP-0.063

SPECIFICATION CONTROL DRAWING

PURCHASE MATERIAL: 3003-H22 ALUMINUM TREADPLATE

PART NUMBER: M3003H22TP-X.XXX
THICK

WHERE X.XXX = THICKNESS IN INCHES

EG. 1/16 THICK TREAD PLATE = M3003H22TP-0.063

3003 H22 TP

RELEASED

2020 FEB 18 ND
ECN 2020-521

APPROVED

A	NEW ISSUE	ZF	20.01.17
REV.	DESCRIPTION	BY	DATE
DESIGN	ZF	DART AEROSPACE LTD	
DRAWN	ZF	HAWKESBURY, ONTARIO, CANADA	
CHECKED	KPT	DRAWING NO.	REV. A
MFG. APPR.	SH	M3003H22TP	SHEET 1 OF 1
APPROVED	NO	TITLE	SCALE
DE APPR.	CP	ALUMINUM TREADPLATE	NTS
DATE	20.01.17	COPYRIGHT © 2020 BY DART AEROSPACE LTD ALL RIGHTS RESERVED. NO PART OF THIS DOCUMENT MAY BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT PERMISSION IN WRITING FROM DART AEROSPACE LTD.	